

FINE AGGREGATE SPECIFIC GRAVITY WORKSHEET

North Dakota Department of Transportation, Materials & Research

SFN 2199 (Rev. 10-2001)

Pit Location	Laboratory No.
Owner	Project
Sampled From	County
Submitted By	Date Received

Weight of oven dry sample.	grams (A)
Weight of saturated surface dry sample in air.	500.0 grams
Weight of flask, cover plate, and water to top of flask.	grams (B)
Weight of flask, cover plate, sample, and water to top of flask.	grams (C)

Bulk Specific Gravity	_____
$\frac{A}{B + 500 - C} = \frac{\quad}{\quad + 500 - \quad} = \frac{\quad}{\quad} =$	
Apparent Specific Gravity	_____
$\frac{A}{B + A - C} = \frac{\quad}{\quad + \quad - \quad} = \frac{\quad}{\quad} =$	
Absorption	_____ %
$\frac{500 - A}{A} \times 100 = \frac{500 - \quad}{\quad} \times 100 = \frac{\quad}{\quad} \times 100 =$	

Test T-84 Tested By: _____

Concrete Aggregate

Bulk Specific Gravity (saturated surface dry).	_____
$\frac{500}{B + 500 - C} = \frac{500}{\quad + 500 - \quad} = \frac{\quad}{\quad} =$	

Test T-84 Tested By: _____